

CROSS MEDIA ERROR PROTECTION METHOD AND SYSTEM

ABSTRACT OF THE INVENTION

A system and method for providing cross media error protection for multimedia data. The cross media error protection comprises: a packaging system for packaging the multimedia data into discrete packets, wherein each packet includes a plurality of fields, and wherein data segments from each of the media streams are placed into different ones of the plurality of fields; and an insertion system for inserting error protection data into one of the plurality of fields in each packet. In addition, a size of each of the plurality of fields may be made proportional to the size of each of the plurality of media streams over a time interval.